

RECEIVED
CENTRAL FAX CENTER

Appl. No. 10/788,724
Amdt. Dated May 21, 2007
Reply to Office action of Fed. 26, 2007

MAY 21 2007

Amendments to the Specification:

2 on page 28

Please replace paragraph [0102] with the following amended paragraph:

[0102] The fiber strands of the cables 11a, 11b may be type h09001,050, normally in 0.300 x 58' bundles. After the bundles are sized, (2) 3.00 x .024" lines are pulled, In these two lines the contained optic fibers are randomized 11b6. Namely, fiber optic strands from radiation-receiving, or input, ends 11a4 and 11a5 are randomized into each of two bundles that respectively connect to radiation-emitting, or output, ends 11a1, 11a3. Half the fiber optic stands from radiation-receiving, or input, end 11a4 go to each of radiation-emitting, or output, ends 11a1 and 11a3. Meanwhile, half of the fiber optic stands from radiation-receiving, or input, end 11a5 likewise go to each of the radiation-emitting, or output, ends 11a1, 11a3. The optic fiber strands from each radiation-receiving, or input, end 11a4, 11a5 are thoroughly and uniformly mixed in the radiation-emitting, or output, ends 11a1, 11a3.

2 on page 29

Please replace paragraph [0104] with the following amended paragraph

[0104] The second embodiment of the special "bifurcated" fiber optic cable shown in Figure 2b functions likewise. Radiation received at each of two radiation-receiving, or input, ends 11b4, 11b5 goes to and are randomized at 11b6, and is equally distributed among, each of four radiation-emitting, or output, ends 11b1-11b4.